



## SEQUENCE LISTING

<110> Duhl, David  
Gorman, Susan Wilkie

<120> HUMAN CHROMOSOME 15 AND 16 BARDET-BIEDL  
SYNDROME POLYNUCLEOTIDES AND POLYPEPTIDES AND METHODS OF USE

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<140> 09/602,597

<141> 2000-06-22

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Homo sapiens

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Lys Gln Gln Glu Tyr Glu Glu Gln Phe Lys Phe Lys Asn Met Val Arg
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Gly Leu Asp Glu Asp Glu Thr Asn Phe Leu Asp Glu Val Ser Arg Gln
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Pro Asp Asp Lys Asn Gln Glu Pro Ser Ser Cys Lys Ser Leu Gly Asn
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Ile Gly Ile Leu Pro Gly Leu Gly Ala Tyr Ser Gly Ser Ser Asp Ser
210          215          220

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Asn Gly Cys Ser Gly Phe Phe Lys Arg Ser Val Arg Arg Arg Leu Ile
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<211> 512

<212> PRT

<213> Homo sapiens

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          20           25           30
Gln Leu Gln Ser Leu Glu Ser Lys Leu Thr Ser Val Arg Phe Met Gly
          35           40           45
Asp Met Val Ser Phe Glu Glu Asp Arg Ile Asn Ala Thr Val Trp Lys
          50           55           60
Leu Gln Pro Thr Ala Gly Leu Gln Asp Leu His Ile His Ser Arg Gln
          65           70           75           80
Glu Glu Glu Gln Ser Glu Ile Met Glu Tyr Ser Val Leu Leu Pro Arg
          85           90           95
Thr Leu Phe Gln Arg Thr Lys Gly Arg Arg Gly Glu Ala Glu Lys Arg
          100          105          110
Leu Leu Leu Val Asp Phe Ser Ser Gln Ala Leu Phe Gln Asp Lys Asn
          115          120          125
Ser Ser His Val Leu Gly Glu Lys Val Leu Gly Ile Val Val Gln Asn

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130		135		140	
Thr Lys Val Ala Asn Leu	Thr Glu Pro Val Val	Leu Thr Phe Gln His			
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Gln Leu Gln Pro Lys Asn	Val Thr Leu Gln Cys	Val Phe Trp Val Glu			
165	170	175			
Asp Pro Thr Leu Ser Ser	Pro Gly His Trp Ser	Ser Ser Ala Gly Cys Glu			
180	185	190			
Thr Val Arg Arg Glu Thr	Gln Thr Ser Cys Phe	Cys Asn His Leu Thr			
195	200	205			
Tyr Phe Ala Val Leu Met	Val Ser Ser Val Glu	Val Asp Ala Val His			
210	215	220			
Lys His Tyr Leu Ser Leu	Leu Ser Tyr Val Gly	Cys Val Val Ser Ala			
225	230	235	240		
Leu Ala Cys Leu Val Thr	Ile Ala Ala Tyr Leu	Cys Ser Arg Arg Lys			
245	250	255			
Pro Arg Asp Tyr Thr Ile	Lys Val His Met Asn	Leu Leu Leu Ala Val			
260	265	270			
Phe Leu Leu Asp Thr Ser	Phe Leu Leu Ser Glu	Pro Val Ala Leu Thr			
275	280	285			
Gly Ser Glu Ala Gly Cys	Arg Ala Ser Ala Ile	Phe Leu His Phe Ser			
290	295	300			
Leu Leu Thr Cys Leu Ser	Trp Met Gly Leu Glu	Gly Tyr Asn Leu Tyr			
305	310	315	320		
Arg Leu Val Val Glu Val	Phe Gly Thr Tyr Val	Pro Gly Tyr Leu Leu			
325	330	335			
Lys Leu Ser Ala Met Gly	Trp Gly Phe Pro Ile	Phe Leu Val Thr Leu			
340	345	350			
Val Ala Leu Val Asp Val	Asp Asn Tyr Gly Pro	Ile Ile Leu Ala Val			
355	360	365			
His Arg Thr Pro Glu Gly	Val Ile Tyr Pro Ser	Met Cys Trp Ile Arg			
370	375	380			
Asp Ser Leu Val Ser Tyr	Ile Thr Asn Leu Gly	Leu Phe Ser Leu Val			
385	390	395	400		
Phe Leu Phe Asn Met Ala	Met Leu Ala Thr Met	Val Val Gln Ile Leu			
405	410	415			
Arg Leu Arg Pro His Thr	Gln Lys Trp Ser His	Val Leu Thr Leu Leu			
420	425	430			
Gly Leu Ser Leu Val Leu	Gly Leu Pro Trp Ala	Leu Ile Phe Phe Ser			
435	440	445			
Phe Ala Ser Gly Thr Phe	Gln Leu Val Val Leu	Tyr Leu Phe Ser Ile			
450	455	460			
Ile Thr Ser Phe Gln Gly	Phe Leu Ile Phe Ile	Trp Tyr Trp Ser Met			
465	470	475	480		
Arg Leu Gln Ala Arg Gly	Gly Gly Pro Ser Pro	Leu Lys Ser Asn Ser	Asp		
485	490	495			
Ser Ala Arg Leu Pro Ile	Ser Ser Gly Ser Thr	Ser Ser Ser Arg Ile			
500	505	510			

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&lt;211&gt; 10

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&lt;213&gt; Homo sapiens

&lt;400&gt; 10



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